



Docket No.: 50212-521

**UTILITY PATENT APPLICATION  
UNDER 37 CFR 1.53(b)**

Mail Stop Utility  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

Customer Number: 20277



Transmitted herewith for filing is the patent application of:

INVENTOR: Toshiaki OKUNO  
FOR: OPTICAL TRANSMISSION SYSTEM

Enclosed are:

- ☒ 51 pages of specification, claims, abstract.
- ☒ Declaration and Power of Attorney.
- ☒ Priority Claimed - **Japanese Patent Application No. P2002- 251632**  
**Japanese Patent Application No. P2003- 158192**
- ☐ Certified copy of \_\_\_\_\_
- ☒ 10 sheets of formal drawing.
- ☐ An assignment of the invention to SUMITOMO ELECTRIC INDUSTRIES, LTD.  
and the assignment recordation fee.
- ☐ An associate power of attorney.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☒ Information Disclosure Statement, Form PTO-1449 and references.
- ☒ Return Receipt Postcard

The filing fee has been calculated as shown below:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	AMOUNT
Total Claims	20	-20	0	\$18.00	\$0.00
Independent Claims	2	-3	0	\$84.00	\$0.00
Multiple Dependent Claim(s)					\$0.00
Basic Fee					\$750.00
Total of Above Calculations					\$750.00
Less ½ for Small Entity					\$0.00
Assignment & Recording Fee					\$40.00
Total Fee					\$790.00

- ☒ Please charge my Deposit Account No. 500417 in the amount of \$790.00. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417 . A duplicate copy is enclosed.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

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